

AMENDMENTS TO THE CLAIMS

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) An isolated polypeptide of claim 1, comprising the amino acid sequence of wherein the amino acid sequence is YFPGQFAFS (SEQ ID NO:61), wherein the polypeptide does not comprise the six amino acid C-terminal sequence KALPRS, and wherein the polypeptide binds specifically to a ChemerinR polypeptide.
6. (Currently amended) An isolated polypeptide of claim 5 4, wherein the amino acid sequence is the sequence of QRAGEDPHSFYFPGQFAFS (SEQ ID NO:53).
7. (Cancelled)
8. (Cancelled).
9. (Currently amended) An isolated polypeptide comprising an amino acid sequence SEQ ID No. 14 ~~(the 137 aa truncated sequence, Chemerin).~~
10. (Currently amended) The polypeptide in claim 5 4, wherein the polypeptide is labeled with a moiety selected from the group consisting of a radioisotope, a fluorophore, a quencher of fluorescence, an enzyme, an affinity tag, and an epitope tag.
- 11-19. (Cancelled)
20. (Currently amended) A composition comprising the polypeptide of claim 5, 6, or 9 ~~in any one of claims 1-10.~~
21. (Cancelled)
22. (Cancelled)

23-123. (Cancelled)

124. (New) An isolated polypeptide comprising the amino acid sequence of FLPGQFAFS (SEQ ID NO:47), and wherein the polypeptide binds specifically to a ChemerinR polypeptide.

125. (New) The polypeptide in claim 124, wherein the polypeptide is labeled with a moiety selected from the group consisting of a radioisotope, a fluorophore, a quencher of fluorescence, an enzyme, an affinity tag, and an epitope tag.

126. (New) A composition comprising the polypeptide of claim 124.